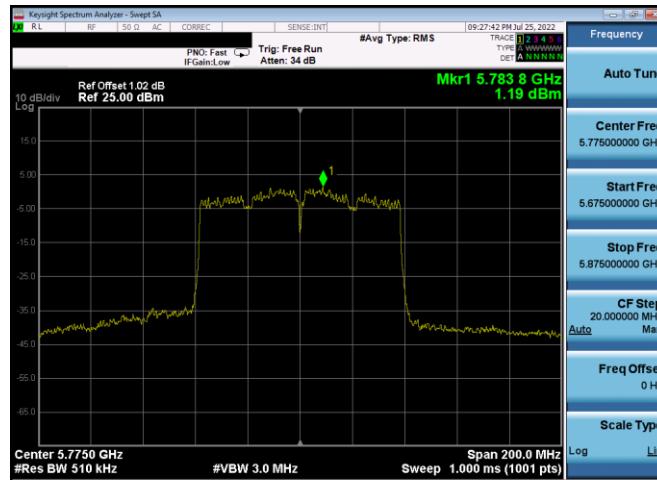
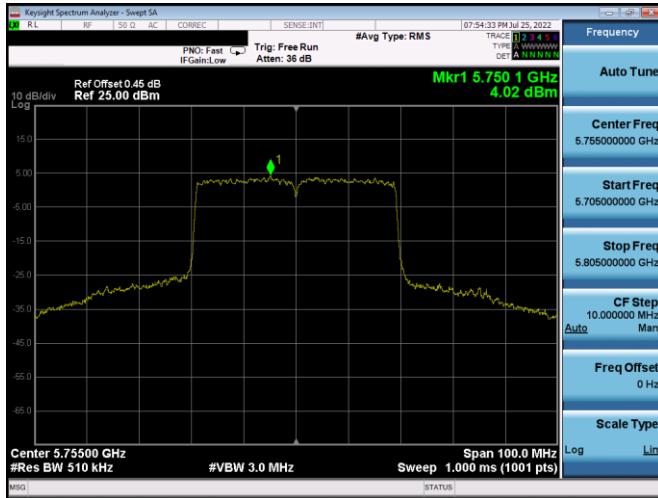


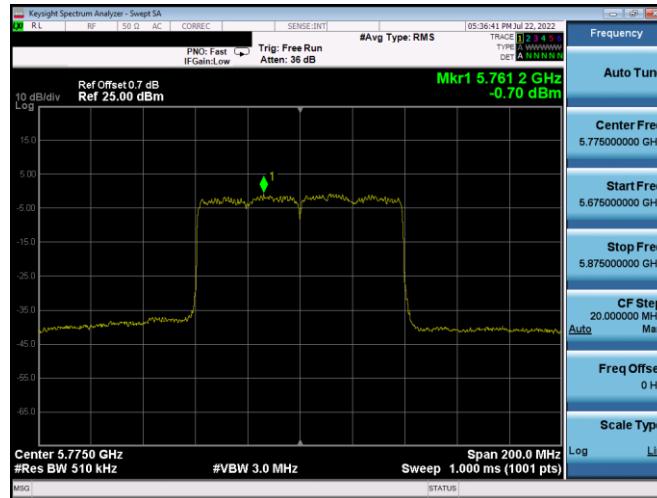
Plot 7-533. PSD CDD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



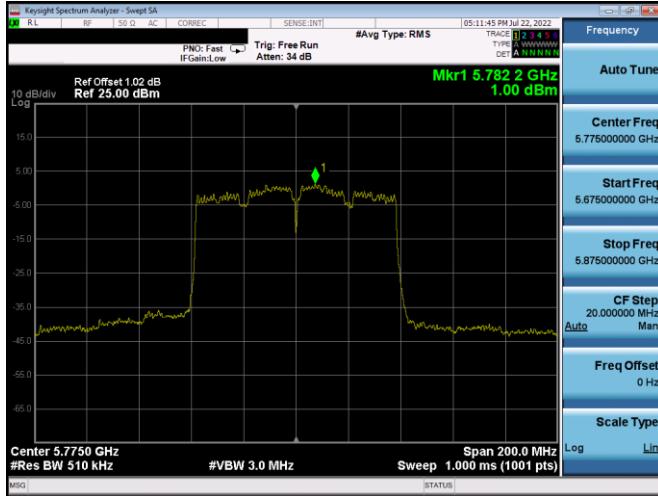
Plot 7-536. PSD CDD Antenna 4a (80MHz BW 802.11ac – Ch. 155, MCS12)



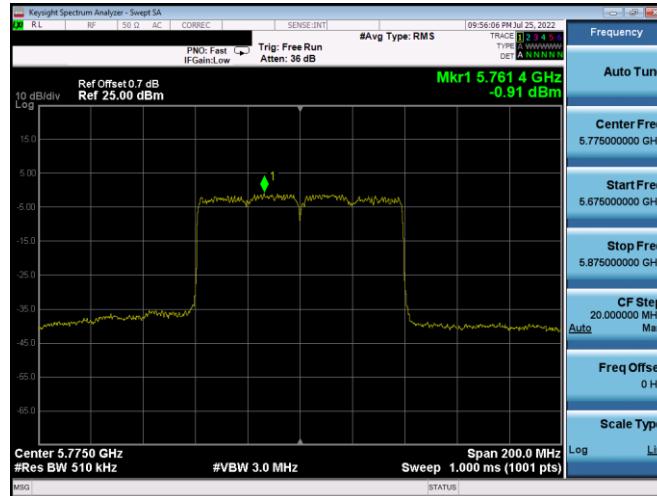
Plot 7-534. PSD CDD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



Plot 7-537. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)



Plot 7-535. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS12)



Plot 7-538. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

FCC ID: BCGA2435 IC: 579C-A2435	
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022

**MEASUREMENT REPORT
(CERTIFICATION)**

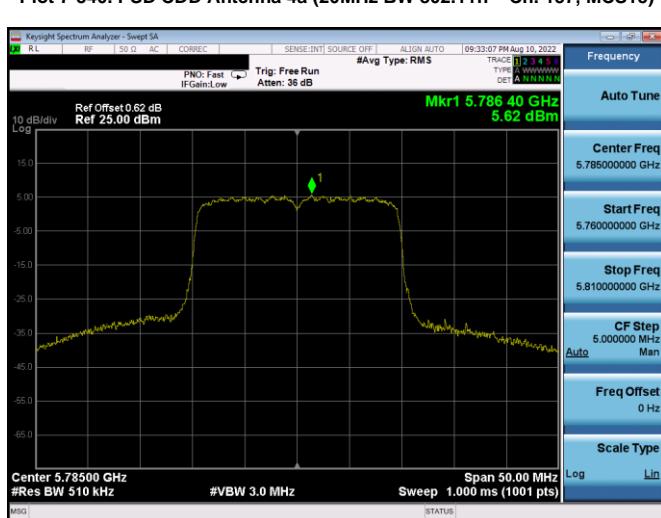
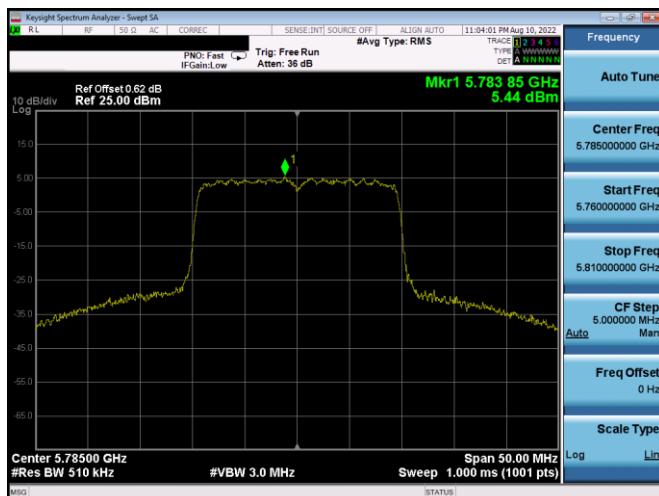
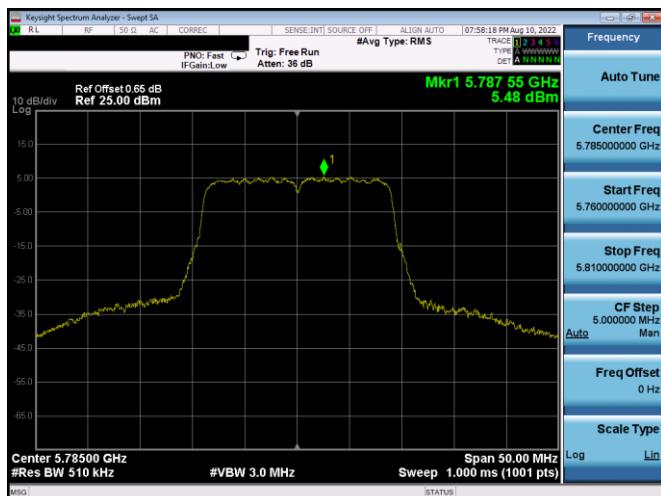
Approved by:
Technical Manager

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V 10.5 12/15/2021

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High Data Rate



FCC ID: BCGA2435	
IC: 579C-A2435	
Test Report S/N: 1C2205090025-19.BCG	

MEASUREMENT REPORT (CERTIFICATION)

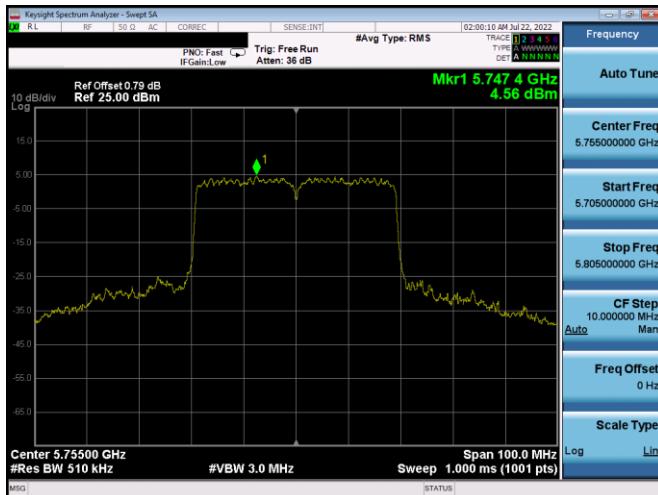
Approved by:
Technical Manager

EUT Type:
Tablet Device

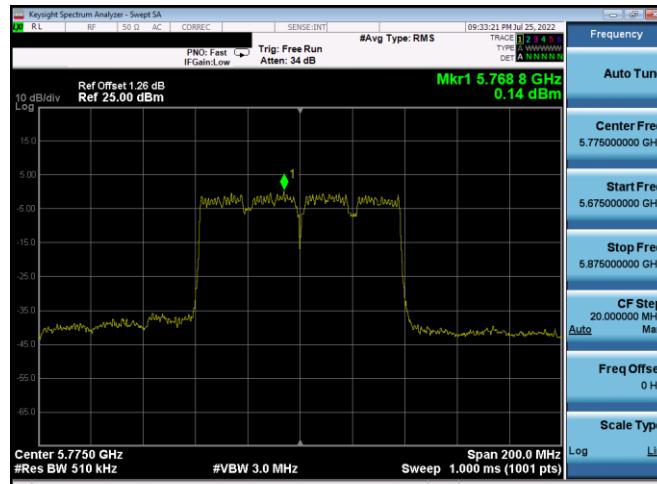
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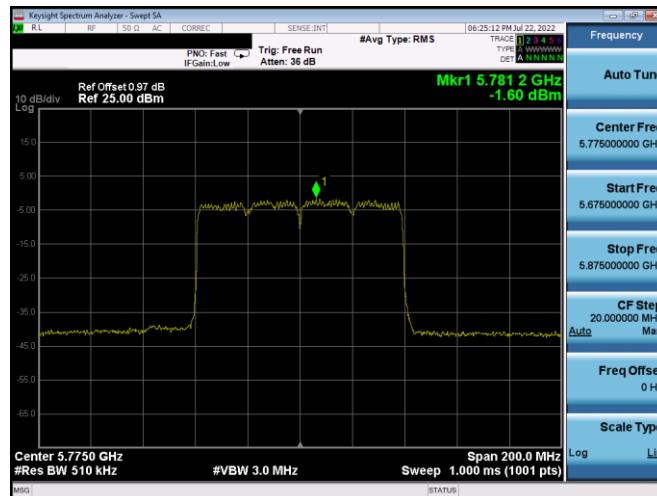
Plot 7-545. PSD CDD Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



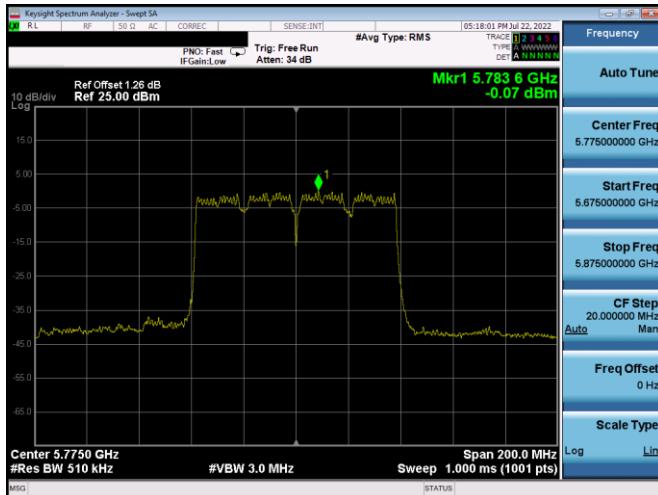
Plot 7-548. PSD CDD Antenna 4a (80MHz BW 802.11ac – Ch. 155, MCS9)



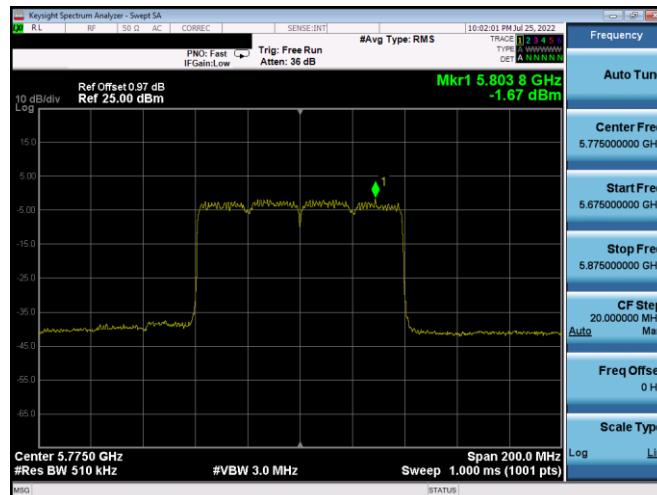
Plot 7-546. PSD CDD Antenna 4a (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



Plot 7-549. PSD CDD Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)



Plot 7-547. PSD CDD Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-550. PSD CDD Antenna 4a (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2435 IC: 579C-A2435	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 182 of 389

Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
5180	36	n (20MHz)	SDM	39/43.3 (MCS10)	1.73	2.14	4.95	3.10	8.05	10.0	-1.95
5200	40	n (20MHz)	SDM	39/43.3 (MCS10)	2.51	2.33	5.43	3.10	8.53	10.0	-1.47
5240	48	n (20MHz)	SDM	39/43.3 (MCS10)	2.57	2.02	5.31	3.10	8.41	10.0	-1.59
5180	36	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	1.51	2.11	4.83	3.10	7.93	10.0	-2.07
5200	40	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	2.21	2.57	5.41	3.10	8.51	10.0	-1.49
5240	48	ax (SU) (20MHz)	SDM	48/51.6 (MCS2)	1.91	2.79	5.38	3.10	8.48	10.0	-1.52
5190	38	n (40MHz)	SDM	81/90 (MCS10)	-0.26	-0.12	2.82	3.10	5.92	10.0	-4.08
5230	46	n (40MHz)	SDM	81/90 (MCS10)	2.45	2.17	5.32	3.10	8.42	10.0	-1.58
5190	38	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	0.34	-0.29	3.05	3.10	6.14	10.0	-3.86
5230	46	ax (SU) (40MHz)	SDM	98/103.2 (MCS2)	2.47	1.74	5.13	3.10	8.23	10.0	-1.77
5210	42	ac (80MHz)	SDM	175.5/195 (MCS2)	-2.25	-2.08	0.85	3.10	3.95	10.0	-6.05
5210	42	ax (SU) (80MHz)	SDM	204/216.2 (MCS2)	-4.05	-4.30	-1.16	3.10	1.94	10.0	-8.06
5210	50	ac (160MHz)	CDD	351/390 (MCS2)	-13.25	-12.83	-10.02	6.71	-3.31	10.0	-13.31
5210	50	ax (SU) (160MHz)	CDD	408.4/432.4 (MCS2)	-10.85	-11.95	-8.36	6.71	-1.65	10.0	-11.65

Table 7-140. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Low Data Rate)

Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
5180	36	n (20MHz)	SDM	78/86.7 (MCS12)	2.63	2.45	5.55	3.10	8.65	10.0	-1.35
5200	40	n (20MHz)	SDM	78/86.7 (MCS12)	2.43	2.50	5.47	3.10	8.57	10.0	-1.43
5240	48	n (20MHz)	SDM	78/86.7 (MCS12)	2.55	2.68	5.63	3.10	8.72	10.0	-1.28
5180	36	ax (SU) (20MHz)	SDM	98/103.2 (MCS4)	1.97	1.75	4.87	3.10	7.97	10.0	-2.03
5200	40	ax (SU) (20MHz)	SDM	98/103.2 (MCS4)	2.21	2.06	5.14	3.10	8.24	10.0	-1.76
5240	48	ax (SU) (20MHz)	SDM	98/103.2 (MCS4)	2.27	1.96	5.13	3.10	8.22	10.0	-1.78
5190	38	n (40MHz)	SDM	162/180 (MCS12)	0.22	0.26	3.25	3.10	6.35	10.0	-3.65
5230	46	n (40MHz)	SDM	162/180 (MCS12)	2.20	2.34	5.28	3.10	8.38	10.0	-1.62
5190	38	ax (SU) (40MHz)	SDM	196/206.5 (MCS4)	0.29	-0.47	2.94	3.10	6.04	10.0	-3.96
5230	46	ax (SU) (40MHz)	SDM	196/206.5 (MCS4)	2.67	1.81	5.27	3.10	8.37	10.0	-1.63
5210	42	ac (80MHz)	CDD	351/390 (MCS4)	-3.87	-4.13	-0.99	6.08	5.10	10.0	-4.90
5210	42	ax (SU) (80MHz)	CDD	408/432.4 (MCS4)	-4.19	-4.63	-1.39	6.08	4.69	10.0	-5.31
5210	50	ac (160MHz)	CDD	702/780 (MCS 4)	-9.88	-11.64	-7.66	6.71	-0.95	10.0	-10.95
5210	50	ax (SU) (160MHz)	CDD	816/864.8 (MCS 4)	-11.12	-12.30	-8.66	6.71	-1.95	10.0	-11.95

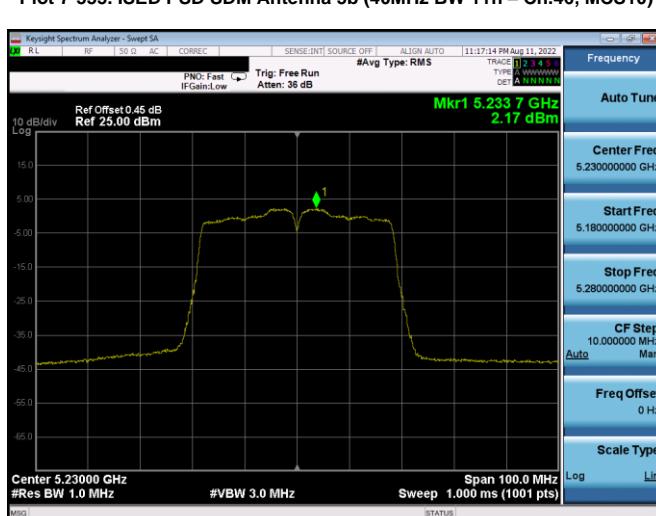
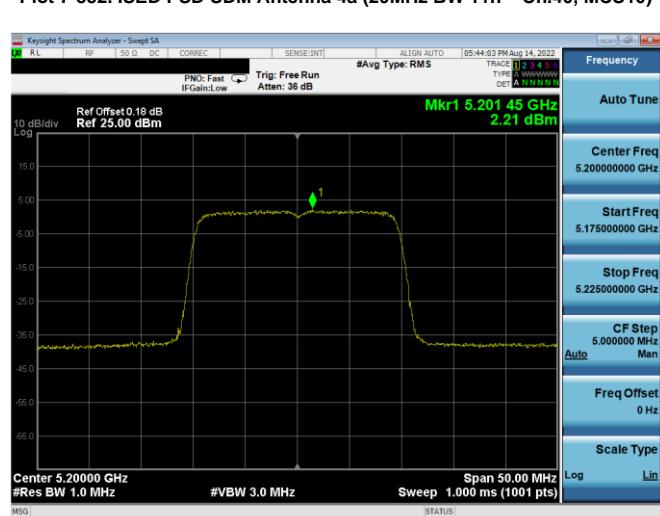
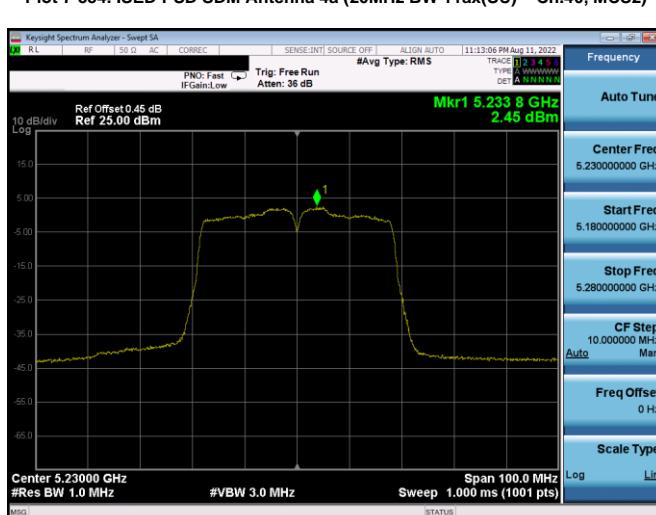
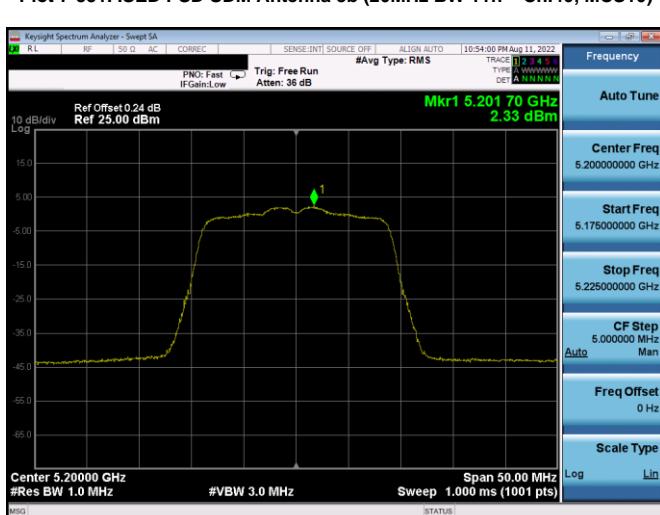
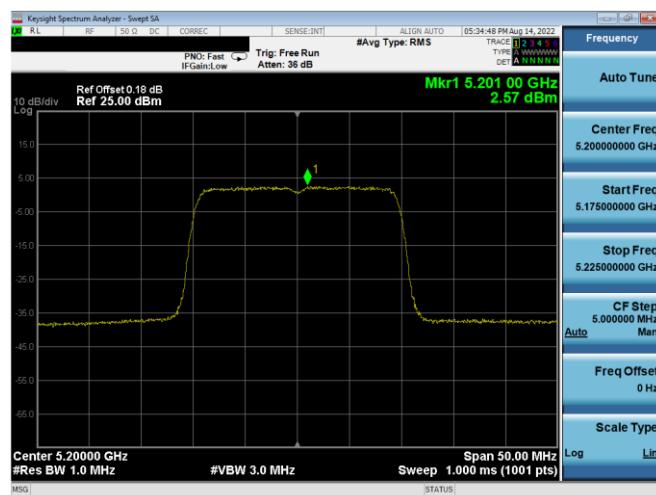
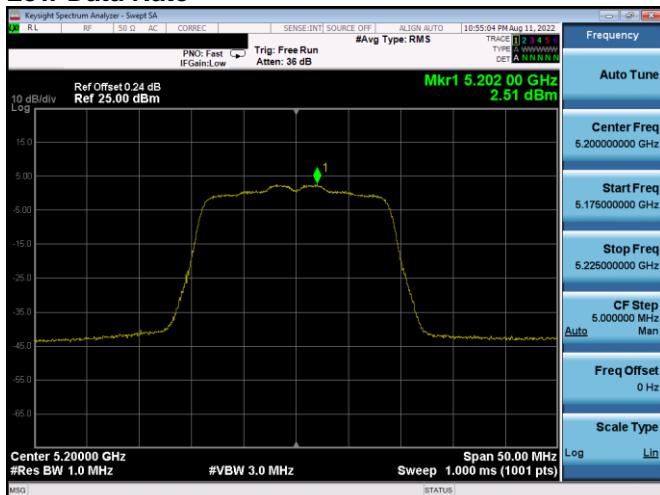
Table 7-141. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (Mid Data Rate)

Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
5180	36	n (20MHz)	SDM	130/144.4 (MCS15)	1.55	1.02	4.30	3.10	7.40	10.0	-2.60
5200	40	n (20MHz)	SDM	130/144.4 (MCS15)	1.75	1.53	4.65	3.10	7.75	10.0	-2.25
5240	48	n (20MHz)	SDM	130/144.4 (MCS15)	1.34	1.28	4.32	3.10	7.42	10.0	-2.58
5180	36	ax (SU) (20MHz)	SDM	270/286.8 (MCS11)	2.81	2.10	5.48	3.10	8.58	10.0	-1.42
5200	40	ax (SU) (20MHz)	SDM	270/286.8 (MCS11)	2.61	1.82	5.25	3.10	8.35	10.0	-1.65
5240	48	ax (SU) (20MHz)	SDM	270/286.8 (MCS11)	2.02	1.87	4.96	3.10	8.05	10.0	-1.95
5190	38	n (40MHz)	CDD	270/300 (MCS15)	-1.39	-1.32	1.66	6.08	7.74	10.0	-2.26
5230	46	n (40MHz)	SDM	270/300 (MCS15)	1.01	0.87	3.95	3.10	7.05	10.0	-2.95
5190	38	ax (SU) (40MHz)	CDD	540/573.5 (MCS11)	-0.52	-1.23	2.15	6.08	8.24	10.0	-1.76
5230	46	ax (SU) (40MHz)	SDM	540/573.5 (MCS11)	1.58	2.04	4.83	3.10	7.92	10.0	-2.08
5210	42	ac (80MHz)	CDD	780/866.7 (MCS9)	-4.56	-4.76	-1.65	6.08	4.44	10.0	-5.56
5210	42	ax (SU) (80MHz)	CDD	1134/1201 (MCS11)	-4.54	-4.67	-1.59	6.08	4.49	10.0	-5.51
5210	50	ac (160MHz)	CDD	1562/1733.4MCS 9)	-11.31	-12.27	-8.75	6.71	-2.04	10.0	-12.04
5210	50	ax (SU) (160MHz)	CDD	2268.8/2402 MCS 11	-11.51	-11.80	-8.64	6.71	-1.93	10.0	-11.93

Table 7-142. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM (High Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435	MEASUREMENT REPORT (CERTIFICATION)							Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022							EUT Type: Tablet Device

Low Data Rate



FCC ID: BCGA2435	
IC: 579C-A2435	
Test Report S/N: 1C2205090025-19.BCG	

MEASUREMENT REPORT (CERTIFICATION)

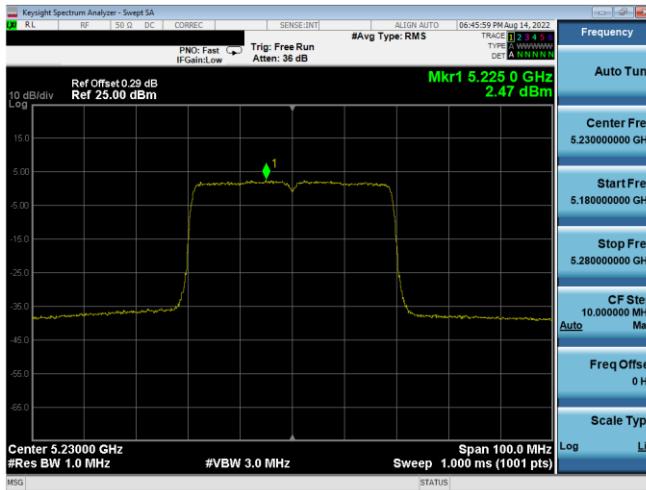
Approved by:
Technical Manager

EUT Type:
Tablet Device

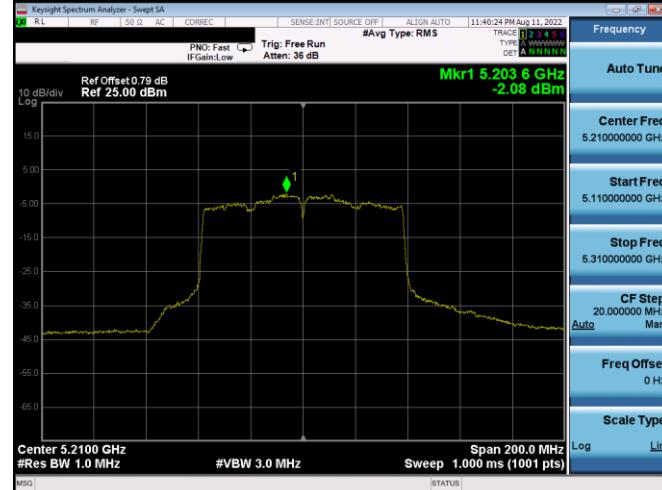
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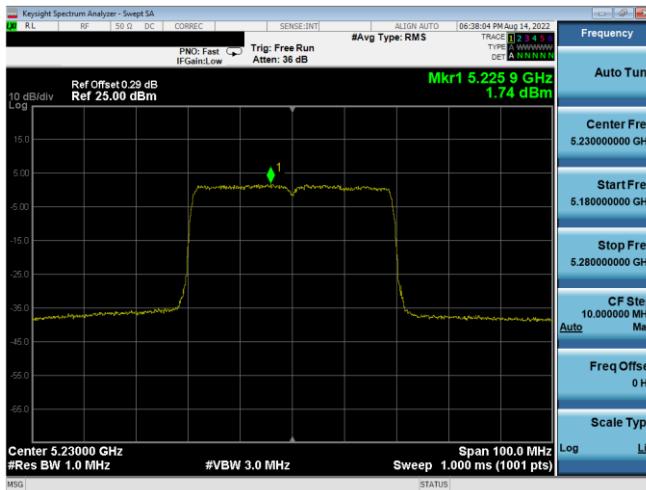
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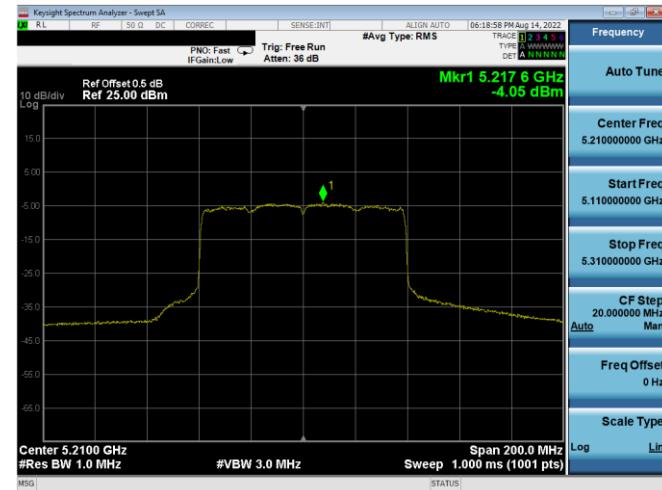
Plot 7-557. ISED PSD SDM Antenna 5b (40MHz BW 11ax(SU) – Ch.46, MCS2)



Plot 7-560. ISED PSD CDD Antenna 4a (80MHz BW 11ac – Ch.42, MCS2)



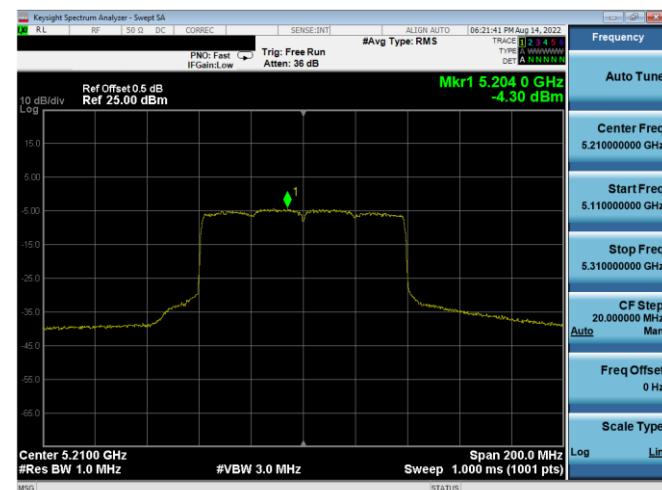
Plot 7-558. ISED SDM PSD Antenna 4a (40MHz BW 11ax(SU) – Ch.46, MCS2)



Plot 7-561. ISED PSD CDD Antenna 5b (80MHz BW 11ax (SU) – Ch.42, MCS2)

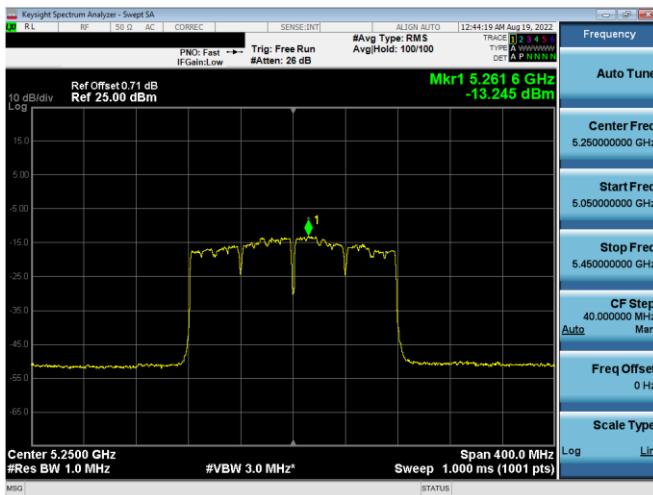


Plot 7-559. ISED PSD CDD Antenna 5b (80MHz BW 11ac – Ch.42, MCS2)

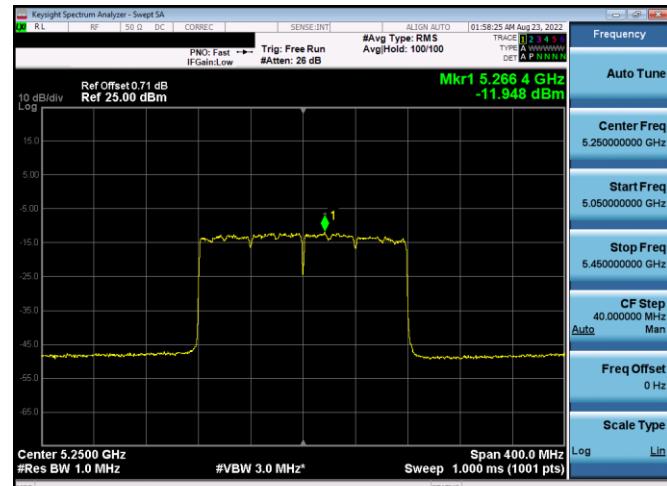


Plot 7-562. ISED PSD CDD Antenna 4a (80MHz BW 11ax (SU) – Ch.42, MCS2)

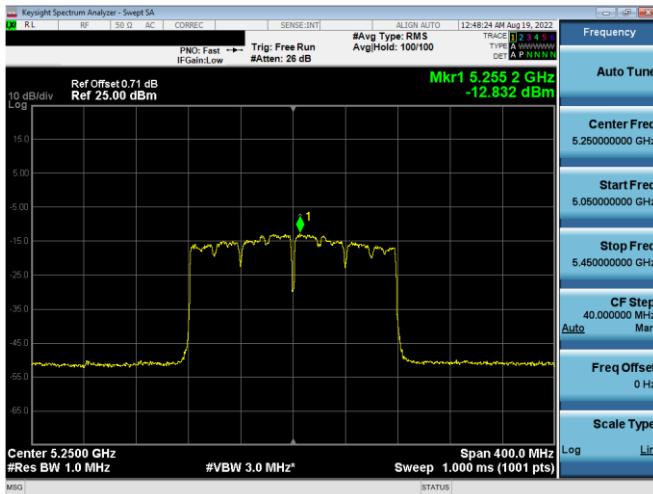
FCC ID: BCGA2435 IC: 579C-A2435	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 185 of 389



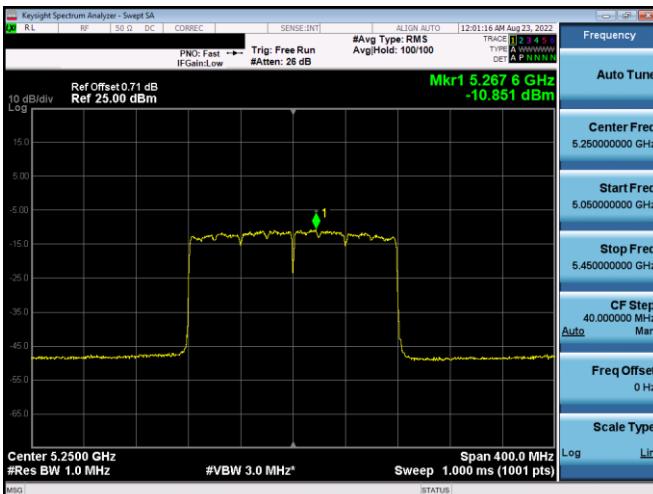
Plot 7-563. ISED PSD CDD Antenna 5b (160MHz BW 11ac – Ch.50, MCS2)



Plot 7-566. ISED PSD CDD Antenna 4a (160MHz BW 11ax (SU) – Ch.50, MCS2)

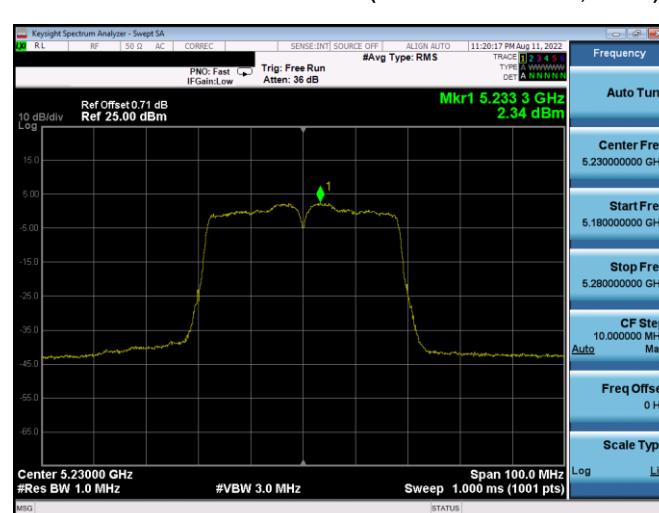
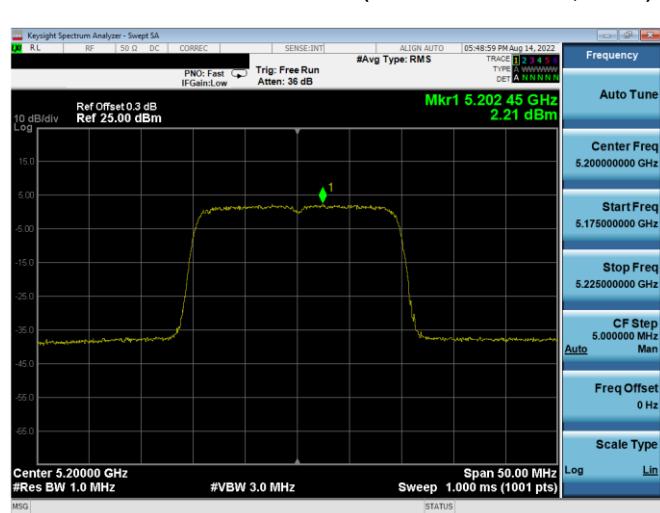
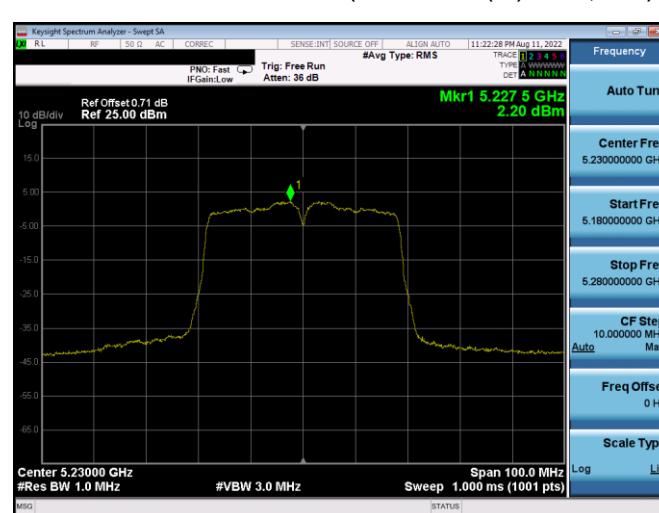
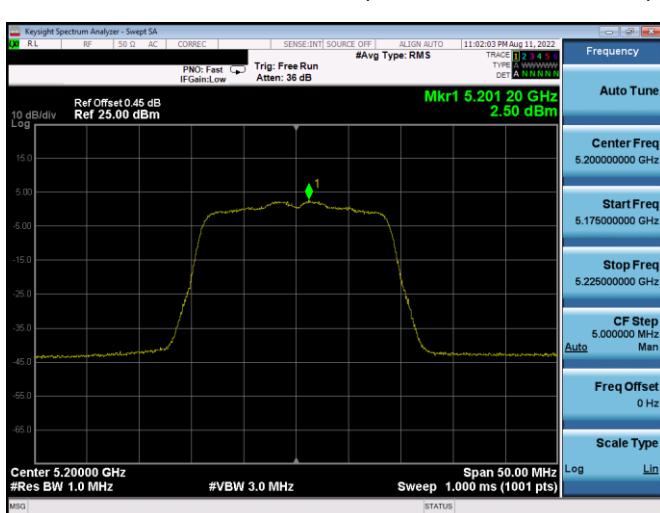
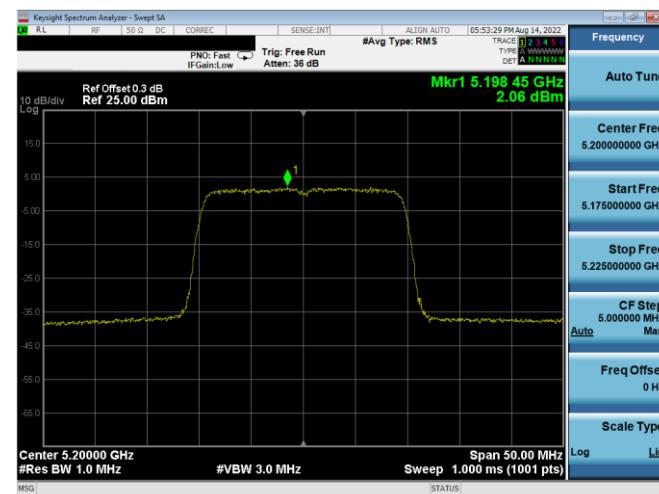
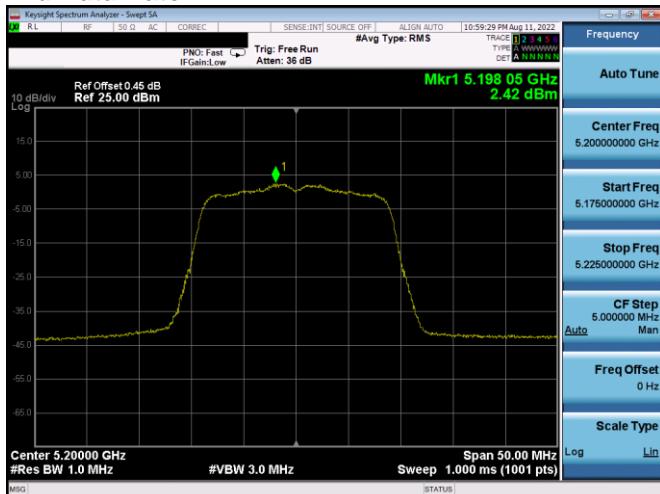


Plot 7-564. ISED PSD CDD Antenna 4a (160MHz BW 11ac – Ch.50, MCS2)

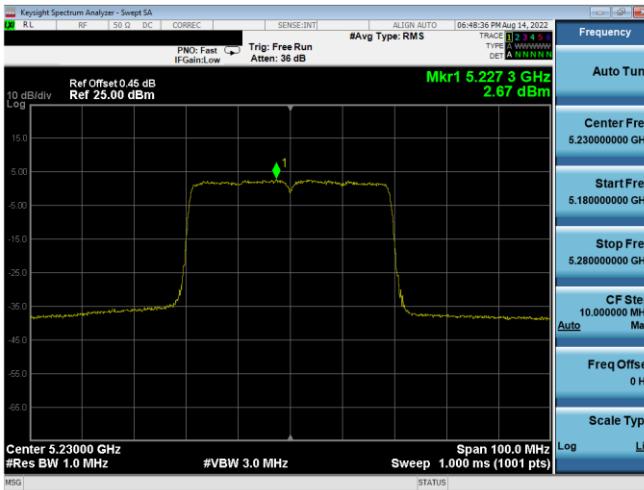


Plot 7-565. ISED PSD CDD Antenna 5b (160MHz BW 11ax (SU) – Ch.50, MCS2)

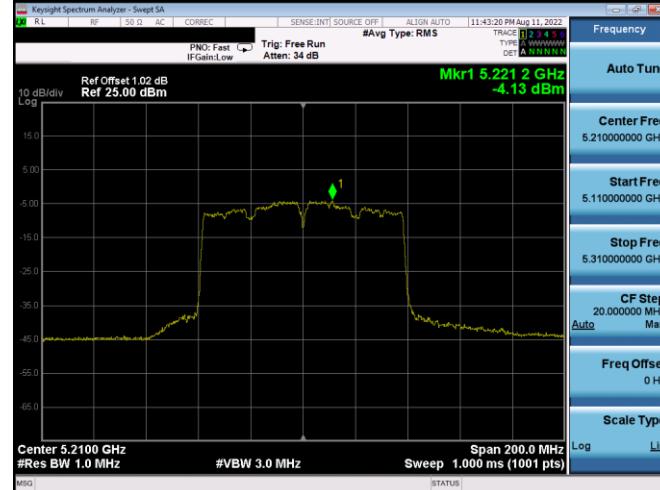
FCC ID: BCGA2435 IC: 579C-A2435	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 186 of 389

Mid Data Rate


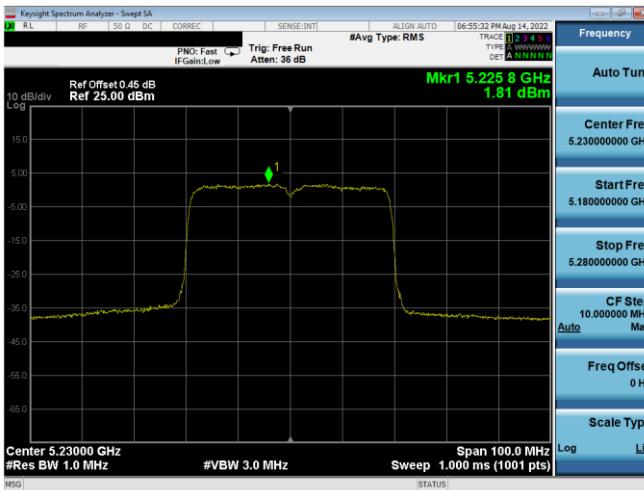
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-19.BCG	Test Dates: 05/31/2022-09/03/2022	EUT Type: Tablet Device	Page 187 of 389



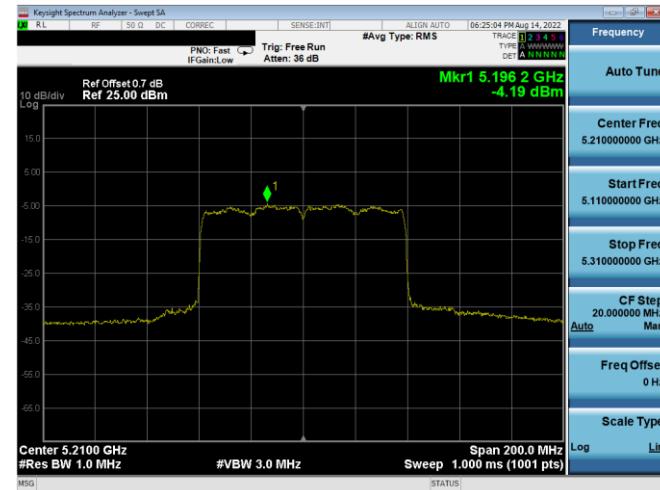
Plot 7-573. ISED PSD SDM Antenna 5b (40MHz BW 11ax(SU) – Ch.46, MCS4)



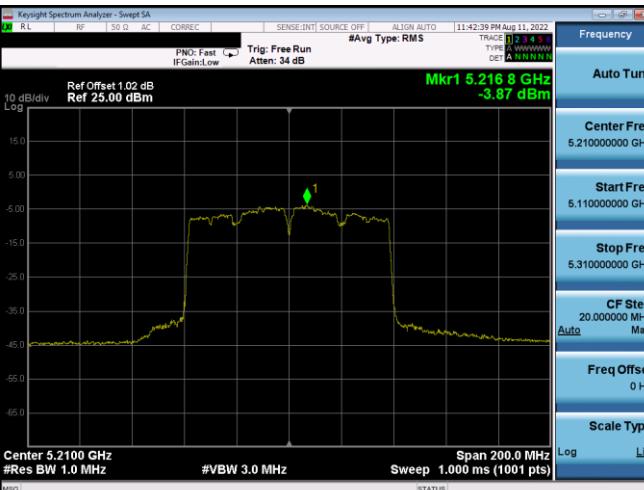
Plot 7-576. ISED PSD Antenna 4a (80MHz BW 11ac – Ch.42, MCS4)



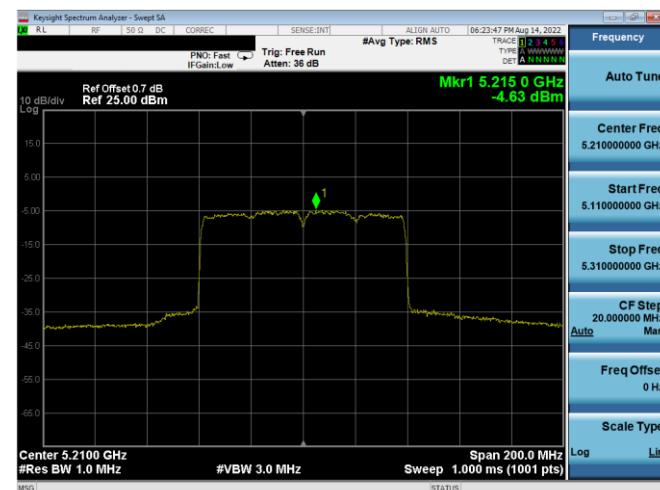
Plot 7-574. ISED PSD SDM Antenna 4a (40MHz BW 11ax(SU) – Ch.46, MCS4)



Plot 7-577. ISED PSD CDD Antenna 5b (80MHz BW 11ax (SU) – Ch.42, MCS4)

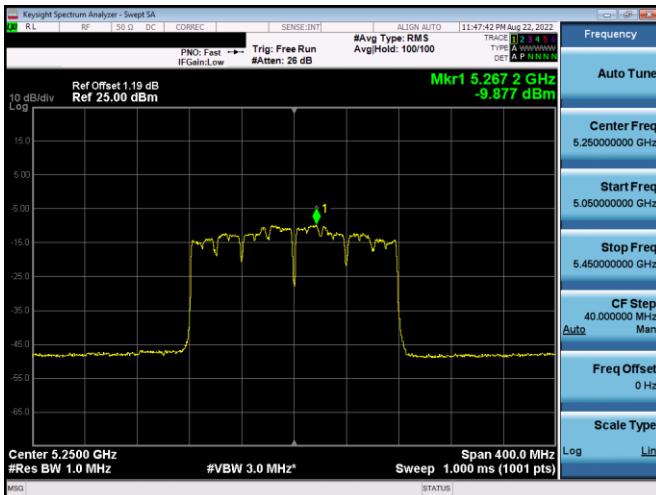


Plot 7-575. ISED PSD CDD Antenna 5b (80MHz BW 11ac – Ch.42, MCS4)

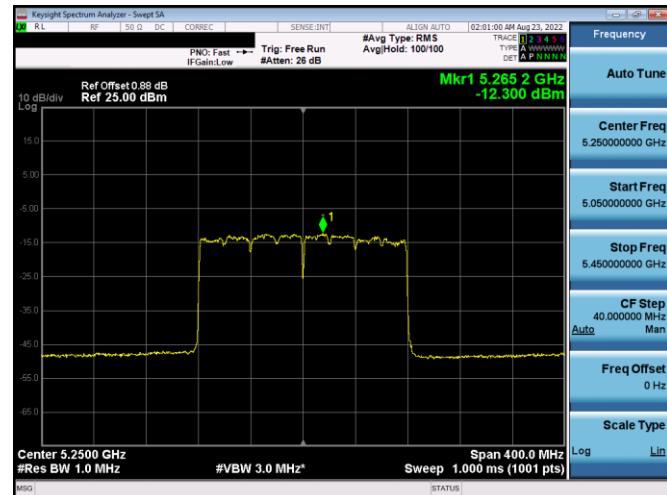


Plot 7-578. ISED PSD CDD Antenna 4a (80MHz BW 11ax (SU) – Ch.42, MCS4)

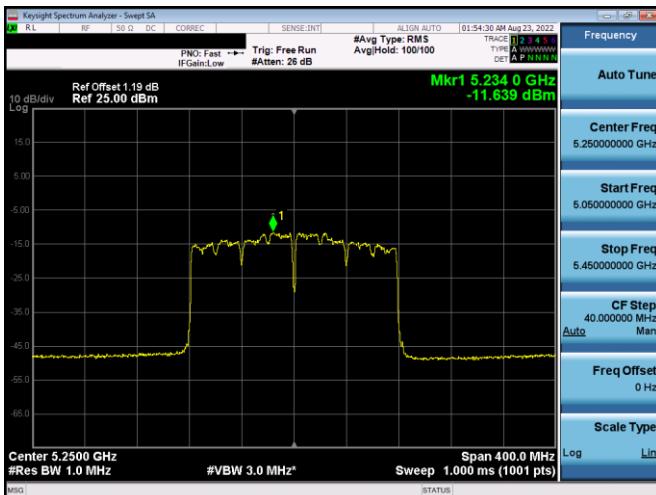
FCC ID: BCGA2435 IC: 579C-A2435	 element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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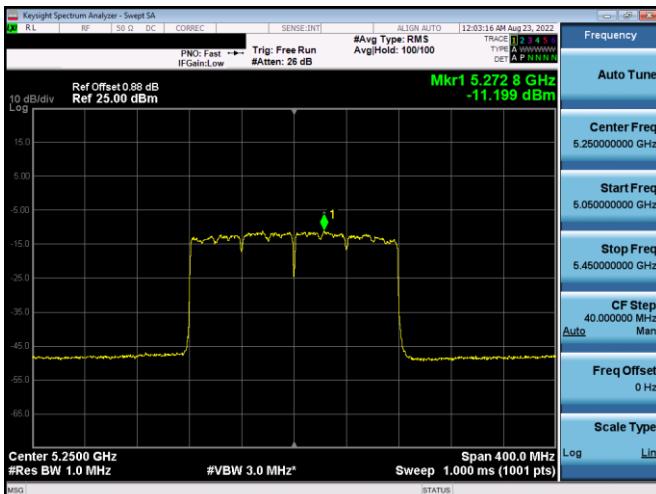
Plot 7-579. ISED PSD CDD Antenna 5b (160MHz BW 11ac – Ch.50, MCS4)



Plot 7-582. ISED PSD CDD Antenna 4a (160MHz BW 11ax (SU) – Ch.50, MCS4)



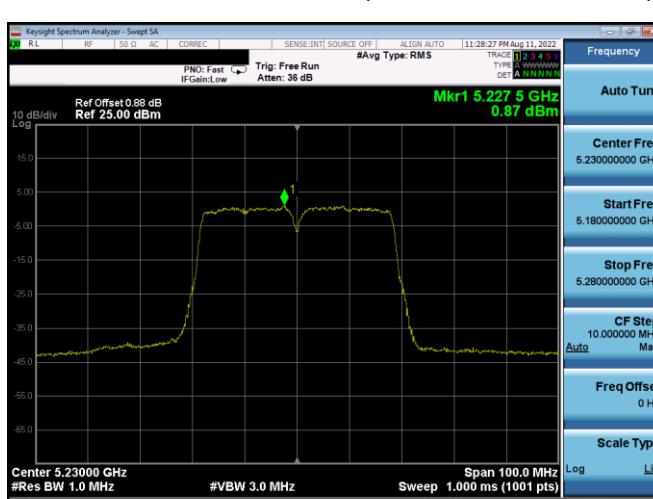
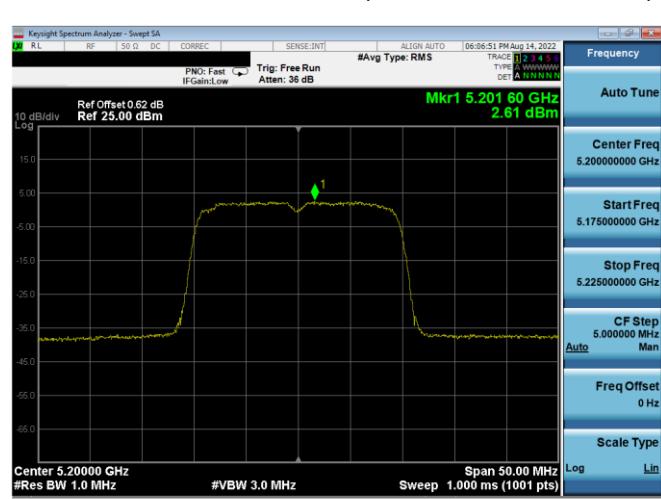
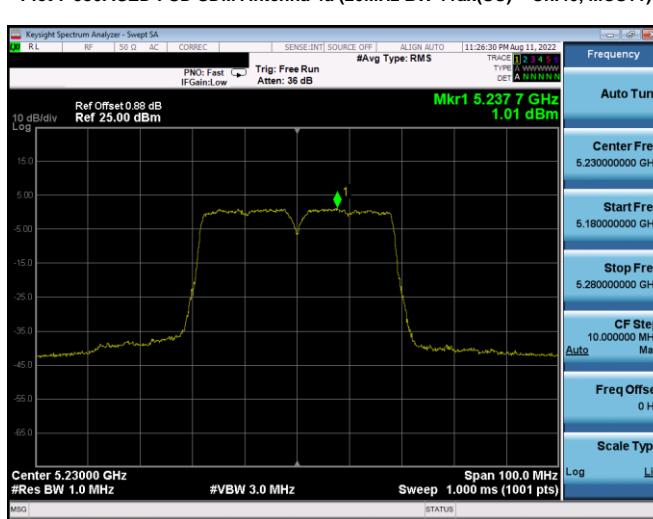
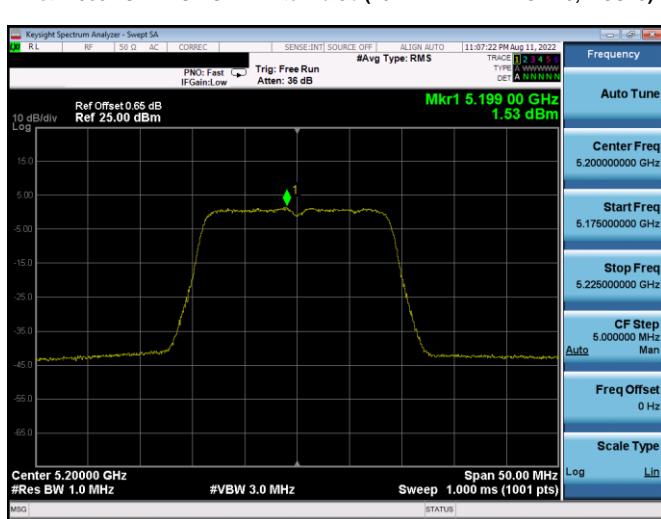
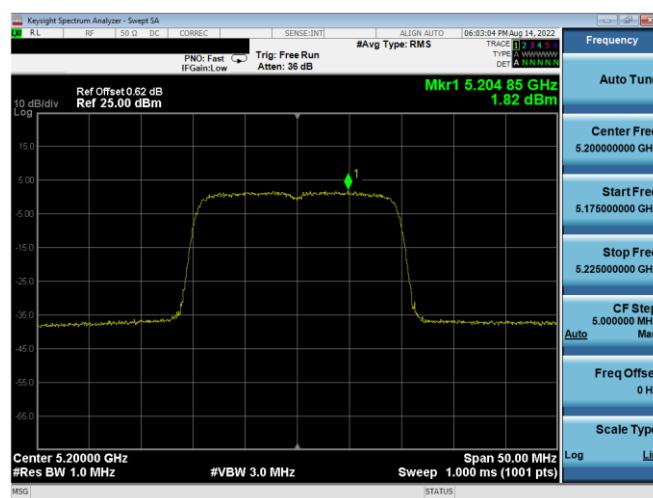
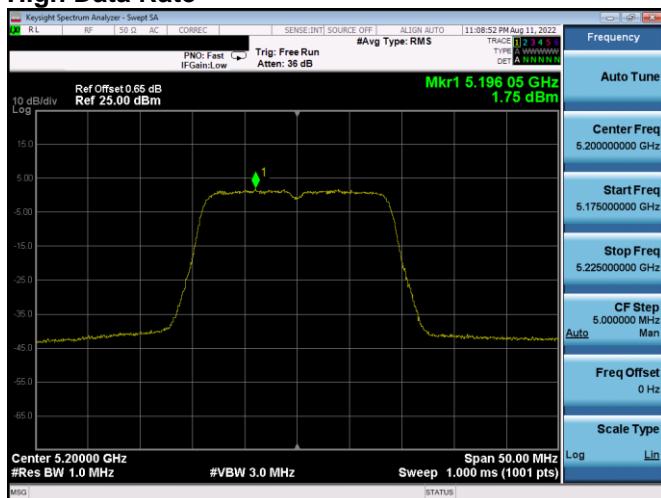
Plot 7-580. ISED PSD CDD Antenna 4a (160MHz BW 11ac – Ch.50, MCS4)



Plot 7-581. ISED PSD CDD Antenna 5b (160MHz BW 11ax (SU) – Ch.50, MCS4)

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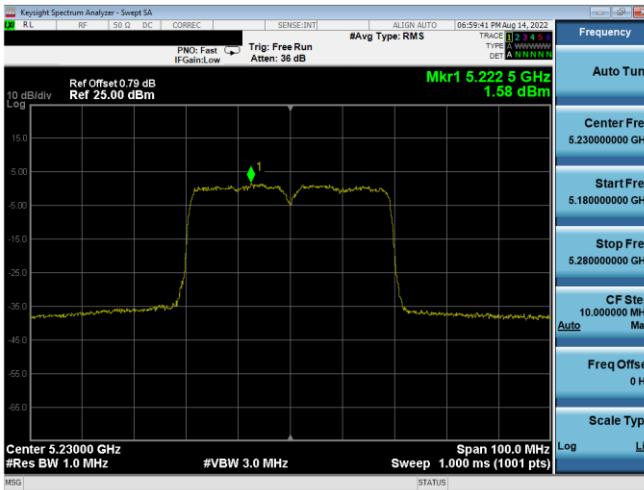
Approved by:
Technical Manager

EUT Type:
Tablet Device

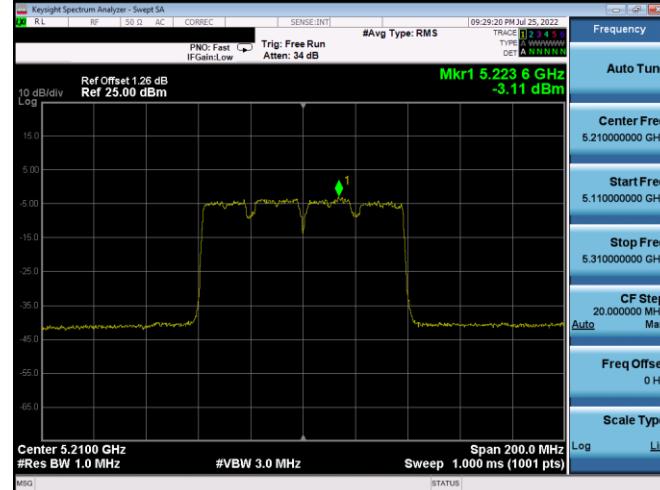
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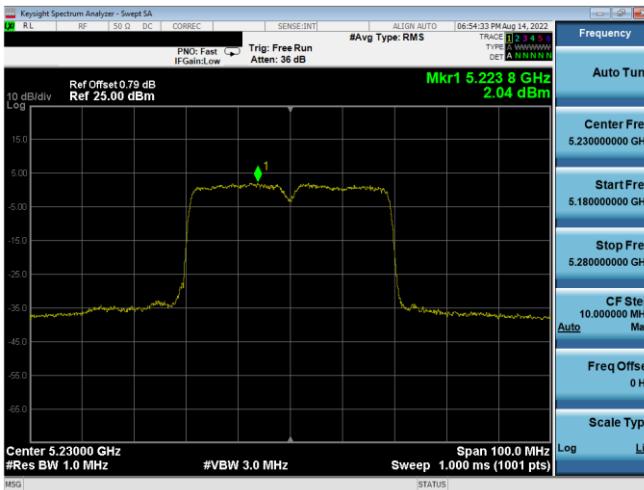
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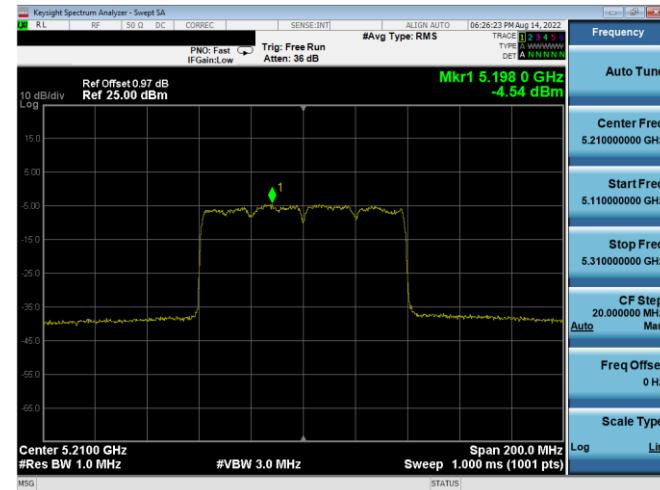
Plot 7-589. ISED PSD SDM Antenna 5b (40MHz BW 11ax(SU) – Ch.46, MCS11)



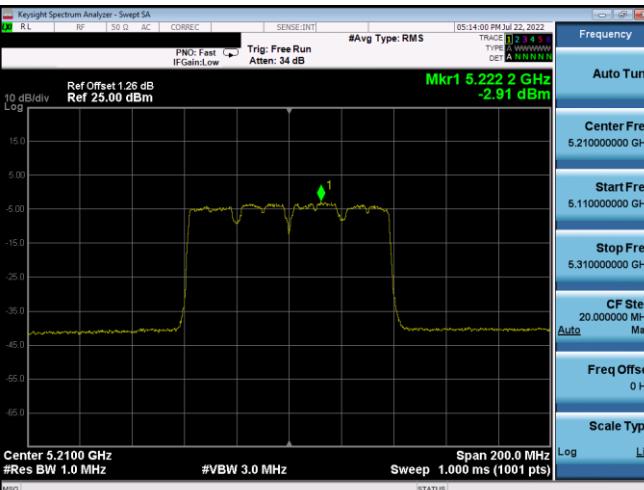
Plot 7-592. ISED PSD CDD Antenna 4a (80MHz BW 11ac – Ch.42, MCS9)



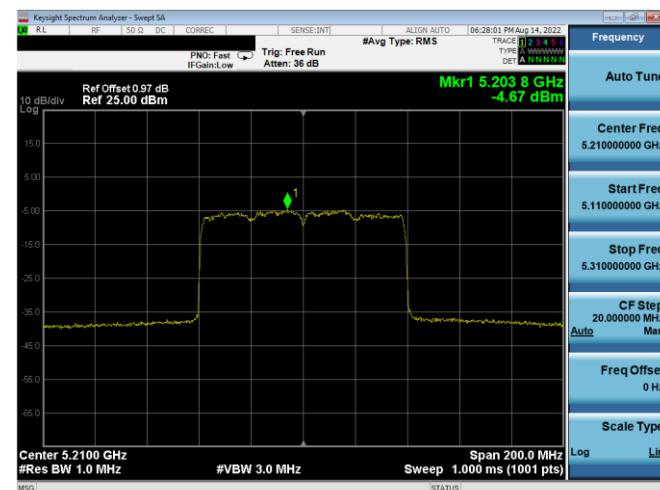
Plot 7-590. ISED PSD SDM Antenna 4a (40MHz BW 11ax(SU) – Ch.46, MCS11)



Plot 7-593. ISED PSD CDD Antenna 5b (80MHz BW 11ax(SU) – Ch.42, MCS11)

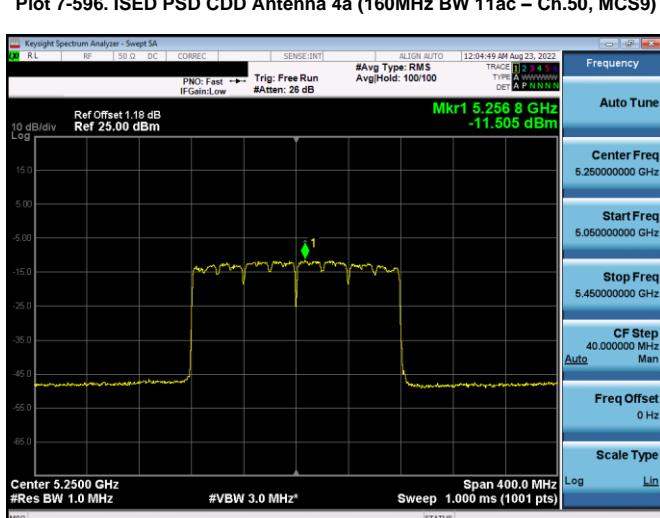
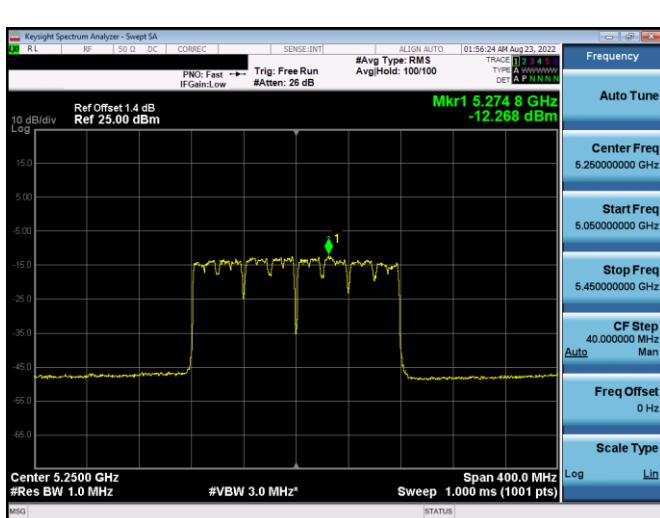
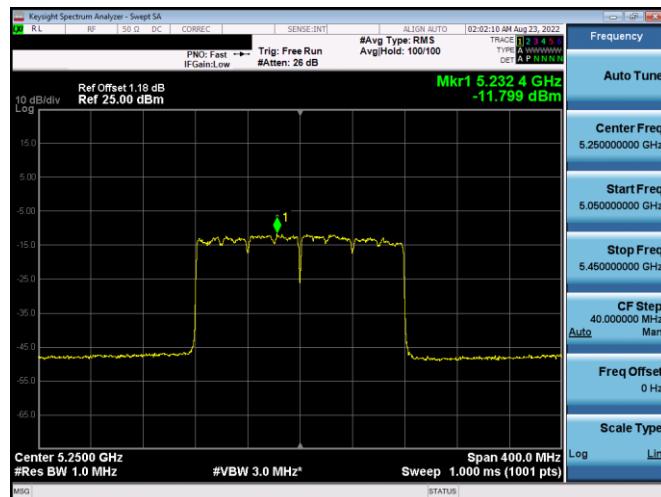
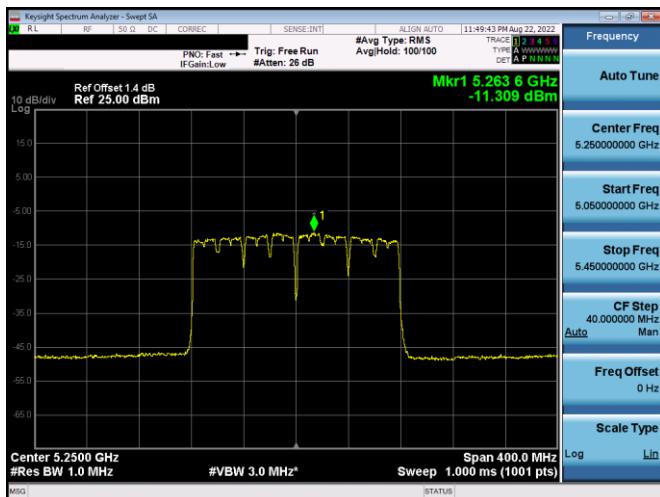


Plot 7-591. ISED PSD CDD Antenna 5b (80MHz BW 11ac – Ch.42, MCS9)



Plot 7-594. ISED PSD CDD Antenna 5b (80MHz BW 11ax(SU) – Ch.42, MCS11)

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